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Subject: Mussel tissue analysis
Date: 10/27/2006 12:24 PM

Jim, Bob and Rick

This is to follow-up on an item that seems to have fallen through the cracks a bit. It is our understanding that the mussel tissue that was collected as part of the sampling last fall have not been sent to the lab for analysis because of questions regarding the use of the data. We further understand that neither the LWGs ERA or HH teams were proposing to use the data in risk evaluations.

Although we thought this was discussed at a previous managers meeting, it appears from our last correspondence on this subject that LWG is still awaiting clarification on the data uses prior to proceeding with the analysis. EPA's perspective is that the mussel tissue will be used in the same way that the clam tissue will be used - as an exposure dietary item, to provide additional data that could be helpful for developing BSAFs, and to provide data on impacts to mussels themselves.

Please proceed with analysis of the mussel tissue in accordance with the direction that was provided on May 25, 2006 (also provided below) for the analytes specified except for mercury, for which the holding time has been exceeded. Please call if you have any questions

thanks
Chip Humphrey

from Eric's 5/25/2006 email

All, after looking over the table provided by Helle Anderson earlier, we agree with the freshwater mussel samples selected for analysis. In addition, we have proposed a number of additional analyses to take advantage of the fact that freshwater mussels were collected at numerous locations throughout the Portland Harbor study area. For lamprey, all individual lampreys should be composited into one sample and analyzed pesticides/PCBs and percent moisture.

Station ID	Location	Analyses	Rationale
BT006	Head of Int'l Slip	All analyses shown on table	Source of metals and PCB contamination; sufficient tissue mass available; off-

			channel habitat.
BT015	GASCO	Axys Analyses, PAHs, % moisture	Source of PAHs; downstream from pesticide and dioxin source; original location proposed by EPA
BT017	Arkema (Downstream)	Axys Analyses, PAHs, % moisture	Source of pesticides and dioxin; upstream from PAH sources
BT033	Goldendale	Axys Analyses and PAHs at a minimum; if sufficient mass is available, add the following analyses in order of priority: Other metals, % moisture, phthalates/SVOCs, TBTs, mercury.	Upstream location along east side of river.